

REMARKS

This is in response to the Official Action mailed 26 April, 2005. The many courtesies extended to Applicants' representatives (J. Schneider and G. Farmer) by Examiner Markham during an interview on 28 June 2005 and a follow-up interview on 30 June 2005 are appreciated.

This is an RCE and upon entry of the foregoing amendments, Claims 125 – 153 will be pending.

During the interview, the rejections based upon 35 U.S.C. § 112 were discussed. First, Applicants point out that as to those "open ended" ranges where the Official Action noted an objection, the amendments have provided both ends of the range. Second, as to the question raised in the Official Action about the "support" for the ranges in the claims, Applicants provide the following information.

A – As to any claim which refers generally to a solar factor FS less than 70%, this is supported by the statement in the application at page 8, line 14.

B – As to any claim which refers generally to an Sb/Sn molar ratio of 0.03 to 0.15, that is supported by the statement in the application at page 10, lines 1-4.

C – As to any claim which refers to an intermediate coating layer, support may be found in the specification at page 10, lines 17-20 through page 11, line 1.

D – As to any claim which refers to a luminous transmittance (TL) of the panel being from 40 to 65%, this is supported by the statement in the application at page 12, lines 17-18.

E – As to any claim which refers to the thickness of the coating being from 100 to 500 nm, this is supported by the statement in the application at page 13, lines 1-2.

G – As to any claim which refers to an emissivity of less than 0.4, this is supported by the statement in the specification at page 14, line 5.

H – As to any claim which refers to TE ranging from 27 to 54.3%, the endpoints of the range may be found in examples 1.14 and 1.23 and it is noted that example 1.19 has a TE value within this range.

I – As to any claim which refers to TE ranging from 15.8 to 54.3%, the endpoints of the range may be found in examples 1.18 and 1.23 and it is noted that example 1.19 has a TE value within this range.

J – As to any claim which refers to TE ranging from 34.7 to 54.3%, the endpoints of the range may be found in examples 1.25 and 1.23 and it is noted that example 1.19 has a TE value within this range.

K – As to any claim which refers to FS ranging from 43 to 63%, the endpoints of the range may be found in examples 1.14 and 1.23 and it is noted that example 1.19 has a FS value within this range.

L – As to any claim which refers to FS ranging from 34.4 to 63%, the endpoints of the range may be found in examples 1.18 and 1.23 and it is noted that example 1.19 has a FS value within this range.

M – As to any claim which refers to glass thickness of 4 mm, 5mm and/or 6 mm, this is supported by the specification at page 19, line 15 and examples 1.1 through 1.7 as noted in Table 1.2.

Conclusion

This application is now believed to be in immediate condition for allowance. The claims present patentable subject matter, and the Examiner is kindly requested to pass this application to issue. Should the Examiner wish to discuss this case or have any suggestions to place it into

even better condition for allowance, he is kindly invited to contact the Applicants' representative at 202-861-3945.

Respectfully submitted,

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